

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for producing a copy-protected audio compact disc, containing audio data samples of an audio signal, the method comprising the steps of:

at the time of mastering said copy-protected audio compact ~~the original~~ disc,

selecting at least one audio data sample of the audio signal;

locating ~~the~~ data symbols representing said at least one audio data sample,

said data symbols having error-correction codewords associated therewith;

overwriting said data symbols with erroneous symbols; and

disabling the error-correction of the error-correction codewords associated with said data symbols, said step of disabling comprising the step of altering at least one of a plurality of parity symbols in the codewords associated with said data symbols, thereby rendering said erroneous symbols uncorrectable.
2. (Original) The method as in claim 1, wherein said selecting at least one audio data sample selects a perfectly-concealable audio data sample having a previous audio data sample and a subsequent audio data sample, such that the value of said perfectly-concealable audio data sample corresponds to a linear interpolation between said previous audio data sample and said subsequent audio data sample.
3. (Original) The method as in claim 1, wherein said erroneous symbols correspond to superimposed impulses.

4. (Original) The method as in claim 1, wherein the audio compact disc has a plurality of sectors and said selecting at least one audio data sample selects at least one audio data sample within each of a group of sectors selected from said plurality of sectors.

5. (Previously presented) The method as in claim 1, wherein the step of altering the at least one of a plurality of parity symbols comprises the step of overwriting at least one of said plurality of parity symbols with an arbitrary erroneous symbol.

6. (Previously presented) The method as in claim 1, wherein the step of altering the at least one of a plurality of parity symbols comprises the step of erasing at least one of said plurality of parity symbols.

7. (Currently amended) A ~~copy-protected~~ audio compact disc having copy protection, ~~encoded at the time of mastering the original disc with at least one non-standard codeword, said codeword containing data symbols and parity symbols, said data symbols being digital samples of audio signals, the compact disc comprising:~~

at least one uncorrectable erroneous data symbol produced when mastering the copy-protected compact original disc; and

~~at least one uncorrectable erroneous parity symbol produced when mastering the original disc;~~

~~wherein said at least one uncorrectable erroneous data symbol is written to the disk in place of one of the data symbols representing at least one digital sample of the audio signal; and~~

wherein said at least one uncorrectable erroneous data symbol has error-correction codewords associated therewith, wherein each of said error-correction codewords ~~further comprise at least one comprises a plurality of altered parity symbol contained~~

~~within the error-correction codewords associated with said at least one uncorrectable symbols, thereby rendering said erroneous data symbol uncorrectable..~~

8. (Currently amended) The ~~copy-protected audio~~ compact disc as in claim 7, wherein ~~said~~ at least one of said altered parity ~~symbol~~ symbols is an overwritten symbol; and wherein said at least one uncorrectable erroneous data symbol represents latent noise.

9. (Currently amended) The ~~copy-protected audio~~ compact disc as in claim 7, wherein ~~said~~ at least one of said altered parity ~~symbol~~ symbols is an erasure; and wherein said at least one uncorrectable erroneous data symbol represents latent noise.

10. (Cancelled)

11. (Cancelled)

12. (Currently amended) The method as in claim 1, wherein said error-correction codewords associated with said data symbols comprise C1 and C2 codewords and wherein said step of disabling comprises:

locating the error-correction codewords associated with each of said data symbols;

and

for each of said data symbols,

selecting and altering a plurality of P-parity symbols in the C1 ~~codewords of~~
~~said error-correction codewords~~ codeword associated with said each of said data symbols;

selecting and altering a plurality of Q-parity symbols ~~in each of~~ the C2
codeword associated with said each of said data symbols ~~codewords, each of said~~

~~C2 codewords corresponding to the plurality of altered parity symbols in each of the C1 codewords; and~~

selecting and altering a ~~second~~ plurality of P-parity symbols in each of the C1 codewords ~~of said error-correction codewords, said second plurality of altered parity symbols in each of the C1 codewords corresponding to~~ associated with each of the plurality of altered Q-parity symbols in the C2 codewords codeword.

13. (Currently amended) The disc as in claim 7, wherein said error-correction codewords comprise C1 and C2 codewords and wherein each of said error-correction codewords comprises:

a plurality of altered P-parity symbols in the C1 codeword ~~codewords of said error-correction codewords corresponding to~~ associated with said at least one uncorrectable erroneous data symbol;

a plurality of altered Q-parity symbols in ~~each of the C2~~ codeword associated with said at least one uncorrectable erroneous data symbol ~~codewords, each of said C2 codewords corresponding to the plurality of altered parity symbols in the C1 codewords,~~ and

a ~~second~~ plurality of altered P-parity symbols in each of the C1 codewords ~~of said error-correction codewords, said second plurality of altered parity symbols in each of the C1 codewords corresponding to~~ associated with each of the plurality of altered Q-parity symbols in the C2 ~~codewords~~ codeword.